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DIALOG(R)File 351:DERWENT WPI (c)1999 Derwent Info Ltd. All rts. reserv.
010069703 **Image available** WPI Acc No: 94-337416/199442

DNA which contains biosynthetic gene of macrolide antibiotic - used for increased mycinamicin production.

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Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Main IPC	Week
JP 6261765	A	19940920	JP 9351688	A	19930312	C12N-015/54	199442 B

Priority Applications (No Type Date): JP 9351688 A 19930312

Patent Details:

Patent	Kind	Lan	Pg	Filing	Notes	Application	Patent
JP 6261765	A	19					

Abstract (Basic): JP 6261765 A

A new DNA encodes the amino acid sequence of 253 residues and has a DNA sequence of 760 bp 130 CZ sequences are given in the specification. Also claimed is a recombinant plasmid containing the DNA sequence, and it is pref plasmid pU8C.

USE/ADVANTAGE - By cloning mycinamicin III-O-methyl-transferase gene on vector plasmid, and by using the cloning vector system, the gene can be introduced to mycinamicin producible microbe. The gene introduced strain increases mycinamicin producing titre by elevating the enzymatic activity.

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Derwent Class: B04; D16

International Patent Class (Main): C12N-015/54

International Patent Class (Additional): C12N-001/21; C12N-009/10;
C12P-019/62; C12N-015/54; C12R-001-29; C12R-001-465; C12R-001-19